

ABSTRACT OF THE DISCLOSURE

Sub A¹⁰

5 A routing processing system in a packet transmission
is capable of restricting a delay in a routing process per
application. The packet transmission routing processing
system performs a routing process for an input packet as a
routing object and includes parsing and timer processing
means for identifying an application corresponding to
transmission of an input packet and monitoring a timer value
10 preliminarily provided for the application, and routing and
transferring means for determining a port of a transmission
destination on the basis of a destination address stored in
a routing table, and disposing the packet or transferring
the packet to a preliminarily determined route adapting to
15 the identified application when routing process is continued
beyond the timer value monitored by the parsing and timer
processing means.